

IN THE SPECIFICATION

1. Please amend the title of the invention as follows:

**NETWORK SYSTEM AND CONTROL METHOD OF
~~CONTROLLING THE SAME~~ FOR RECOGNIZING VARIABLE IP
ADDRESS AS FIXED IP ADDRESS**

2. Please amend paragraph [0004] as follows:

[0004] The TCP/IP is an aggregate of two protocols, a transmission control protocol and an Internet protocol, [[which]] and supports the exchange of data between different network units. Software modules employing the TCP/IP are required for the connection of network units to the Internet. These software modules may be, for example, Internet Explorer, Netscape, *etc.* The TCP/IP is currently adopted as a standard protocol of the Internet, and its address, or IP address, is typically composed of four parts, each being a numeral (for example, 211.203.81.245), for identifying a corresponding communication network or network unit. Different Internet IP addresses are assigned to network units connected to the Internet throughout the world, and are managed by a network information center (NIC).

3. Please amend paragraph [0018] as follows:

[0018] A more complete appreciation of the invention, and many of the attendant advantages[[,]] thereof, will be readily apparent as the same becomes better understood by reference to the following detailed description when considered in conjunction with

the accompanying drawings, in which like reference symbols indicate the same or similar components, and wherein:

4. Please amend paragraph [0025] as follows:

[0025] It should be noted that the Internet video server 50 is taken as an example of the network unit for the convenience of description, and the network unit may be a host computer, a router or other Internet accessible unit equipped with the LAN card 60, ~~besides~~ in addition to the Internet video server 50.

5. Please amend paragraph [0038] as follows:

[0038] Fig. 3 is a flowchart illustrating a procedure for storing information of the Internet video server 50 in the agent server 10 in accordance with the present invention. First, when the Internet video server 50 is powered on, it requests the nearest DHCP server ~~[[50]]~~ 90, using a DHCP protocol, to assign a variable IP address thereto (S10). In response to the variable IP address assignment request from the Internet video server 50, the DHCP server 90 selects any one of numerous valid variable IP addresses in its variable IP address pool, and transfers the selected variable IP address to the server 50 (S20). Then, the Internet video server 50 receives the variable IP address (211.144.88.95) from the DHCP server 90, and employs it for a predetermined period of time.

6. Please amend paragraph [0047] as follows:

[0047] As described above, the database 30 and control unit 40 are provided in the agent server 10 in order to store variable IP addresses and Ethernet addresses, and to search for the variable IP addresses on the basis of the Ethernet addresses. As a result, users are readily able to access desired network units, even if the units employ variable IP addresses.